# USB LAN ISDN

## Quick Installation Guide

**M73-APO08-360**

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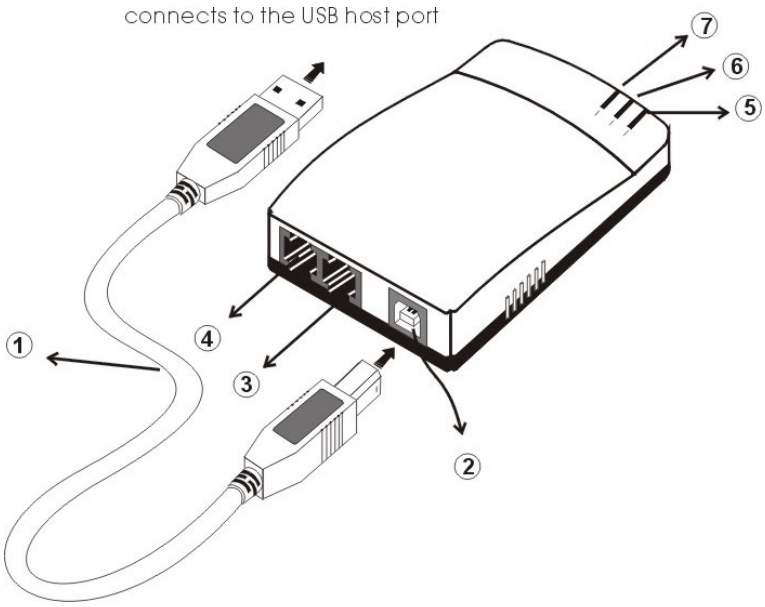
# Parts Names and Functions




1. **USB Cable:** connects the USB LAN ISDN to the USB host port of your computer.
2. **USB Port:** connects to the USB cable's square end.
3. **LAN Port:** connects to a LAN Cable.
4. **ISDN Port:** connects to an ISDN Cable.
5. **Link Indicator:** glows green when 10/100M Fast Ethernet is linked.
6. **B1 Indicator:** glows green when the transmitting / receiving data in 64 Kbps speed mode.
7. **B2 Indicator:** glows green when the transmitting / receiving data in 128 Kbps speed mode.



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# HARDWARE INSTALLATION

## Installing the USB LAN ISDN

### Connecting the USB Cabling

1. Insert the USB cable's square end into the adapter's USB port.
2. Insert the rectangular end of the USB cable into the USB host port on your PC.

### Connecting to an ISDN Network

1. Connect one end of an ISDN cable into the adapter's ISDN port.
2. Connect the other end of the ISDN cable into S/T port on NT1 ISDN device.

### Connecting to the LAN Network

1. Connect one end of the LAN cable into the adapter's LAN port.
2. Connect the other end of the LAN cable to a Hub.



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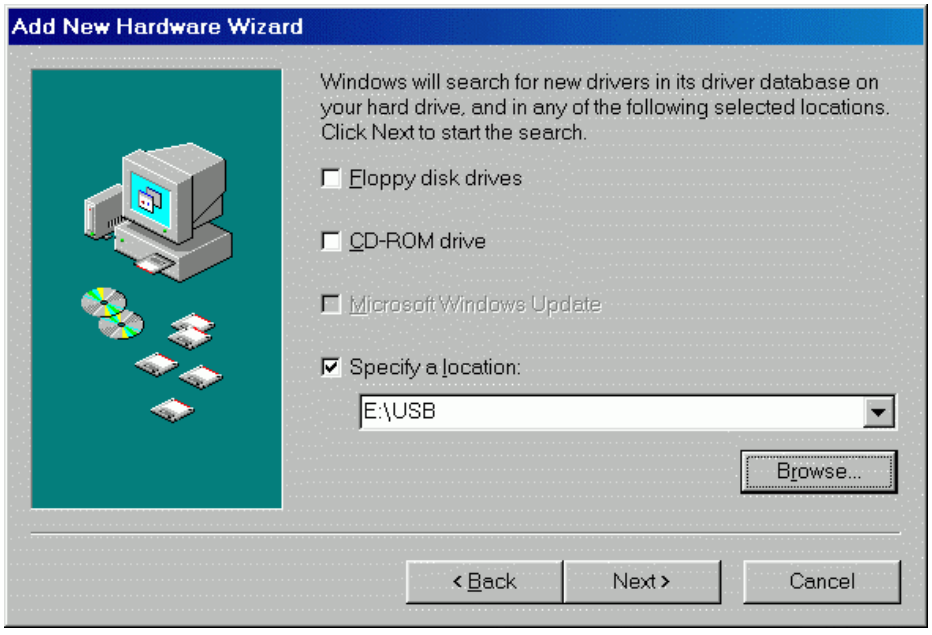
# SOFTWARE INSTALLATION

## Windows 98SE Installation

1. Once the device is connected, windows 98SE will automatically detect the device and appear the following figure. Click **Next** to continue.

2. Select **Search for the best driver for your device (Recommended)** and click **Next**.

3. Insert the device driver into your CD-ROM. Select **Specify a location**, direct Windows 98SE to the location where the driver stored (e.g. **E:\USB**) and click **Next.** Windows 98SE will search for the suitable driver for the software installation need.


Add New Hardware Wizard
Windows will search for new drivers in its driver database on your hard drive, and in any of the following selected locations. Click Next to start the search.
Floppy disk drives
CD-ROM drive
Microsoft Windows Update
Specify a location:
E:\USB
Browse...
< Back
Next >
Cancel

4. Click **Next.** Windows 98SE will start copying necessary files onto your system.



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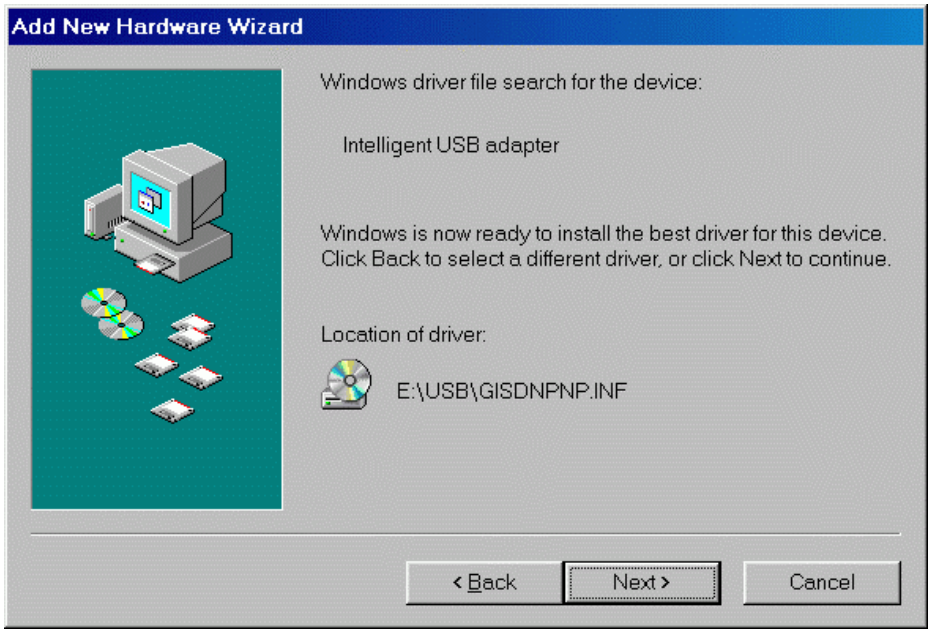
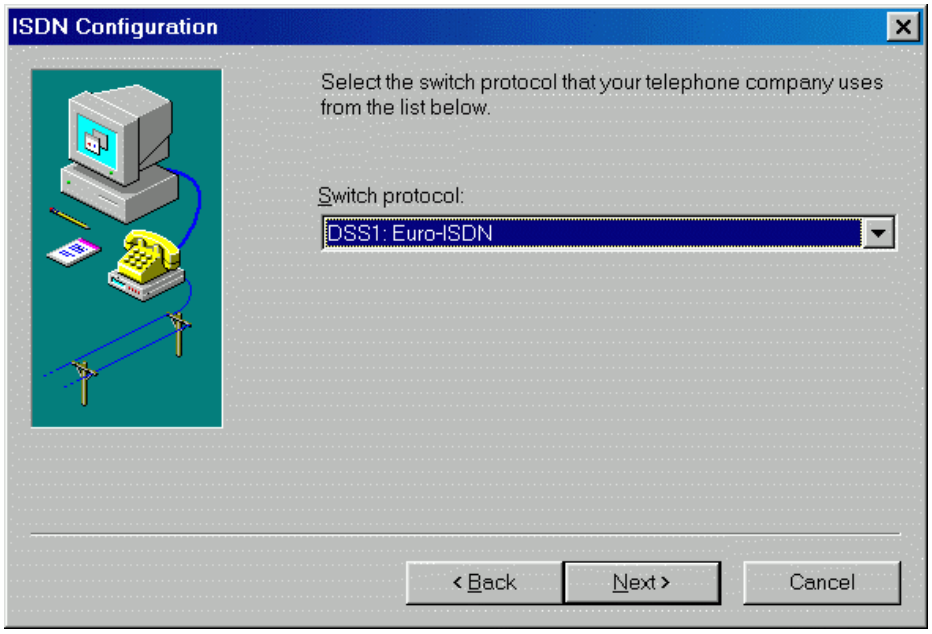

Add New Hardware Wizard
Windows driver file search for the device:
Intelligent USB adapter
Windows is now ready to install the best driver for this device.
Click Back to select a different driver, or click Next to continue.
Location of driver:
E:\USB\GISDNPNP.INF
< Back
Next >
Cancel

5. In ISDN Configuration, click **Next**.

6. Select the switch protocol that your telephone company uses and click **Next**.


ISDN Configuration
Select the switch protocol that your telephone company uses from the list below.
Switch protocol:
DSS1: Euro-ISDN
< Back
Next >
Cancel

7. Enter the telephone numbers that your ISP provided and click **Next**.



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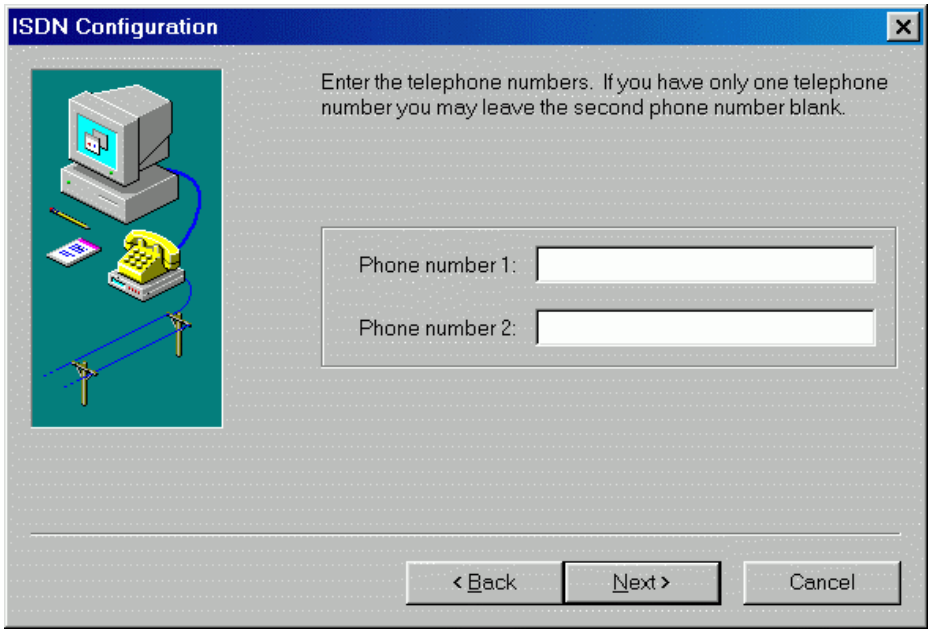
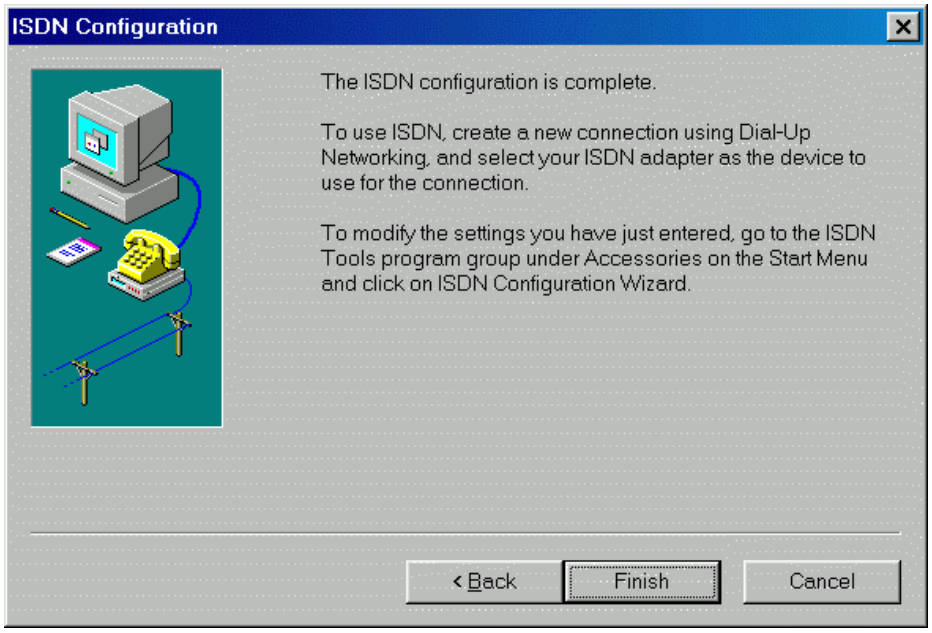

ISDN Configuration
Enter the telephone numbers. If you have only one telephone number you may leave the second phone number blank.
Phone number 1:
Phone number 2:
< Back
Next >
Cancel

8. Click **Finish**.


ISDN Configuration
The ISDN configuration is complete.
To use ISDN, create a new connection using Dial-Up Networking, and select your ISDN adapter as the device to use for the connection.
To modify the settings you have just entered, go to the ISDN Tools program group under Accessories on the Start Menu and click on ISDN Configuration Wizard.
< Back
Finish
Cancel

9. Click **Finish** to continue the software installation.

10. Windows 98SE will automatically detect the device and appear the following figure. Follow the on-screen instructions.



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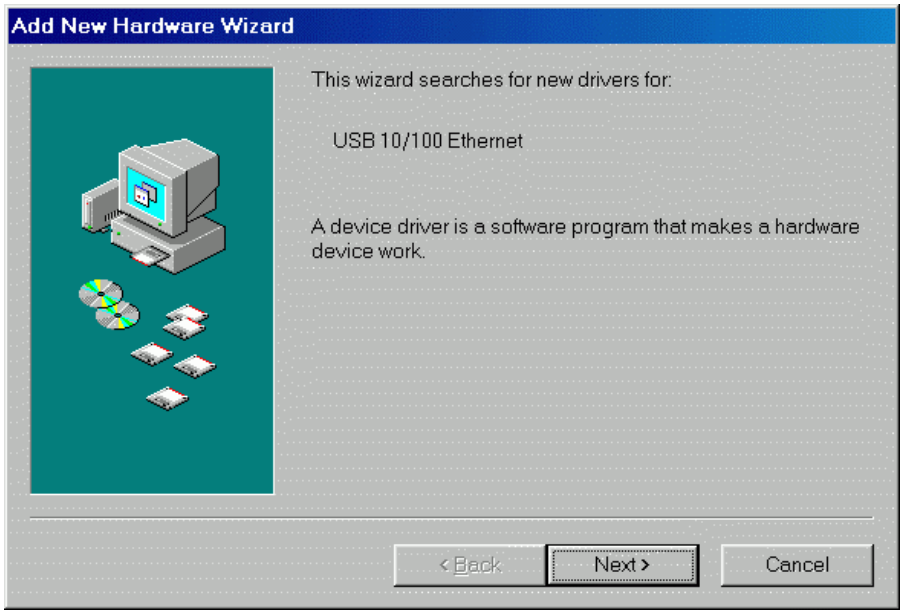
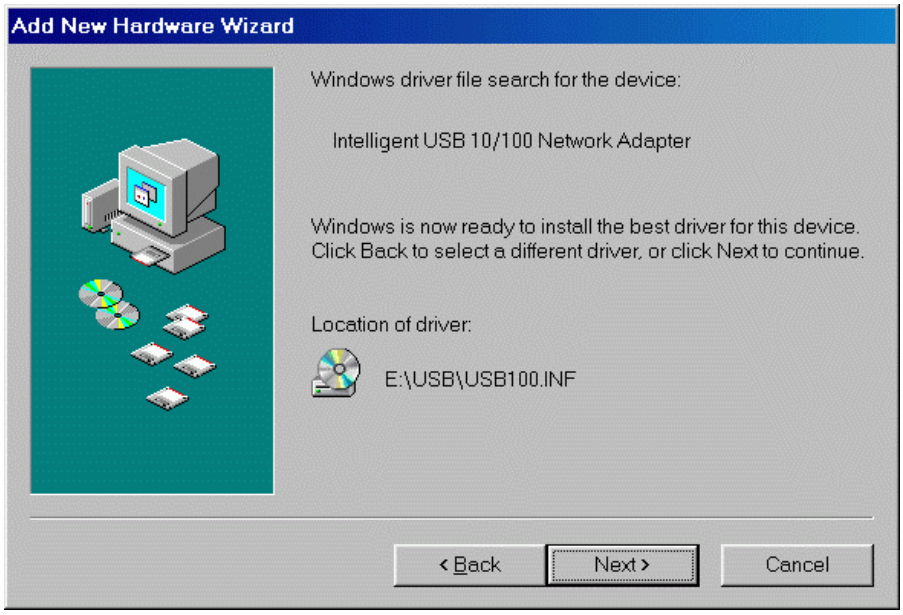

Add New Hardware Wizard
This wizard searches for new drivers for:
USB 10/100 Ethernet
A device driver is a software program that makes a hardware device work.
< Back
Next >
Cancel

11. Select **Search for the best driver for your device (recommended)** and click **Next.**

12. Select **Specify a location**, direct Windows 98SE to the location where the driver stored (e.g. **E:\USB**) and click **Next.** Windows 98SE will search for the suitable driver for the software installation need.

13. Click **Next.** Windows 98SE will start copying necessary files onto your system.


Add New Hardware Wizard
Windows driver file search for the device:
Intelligent USB 10/100 Network Adapter
Windows is now ready to install the best driver for this device. Click Back to select a different driver, or click Next to continue.
Location of driver:
E:\USB\USB100.INF
< Back
Next >
Cancel



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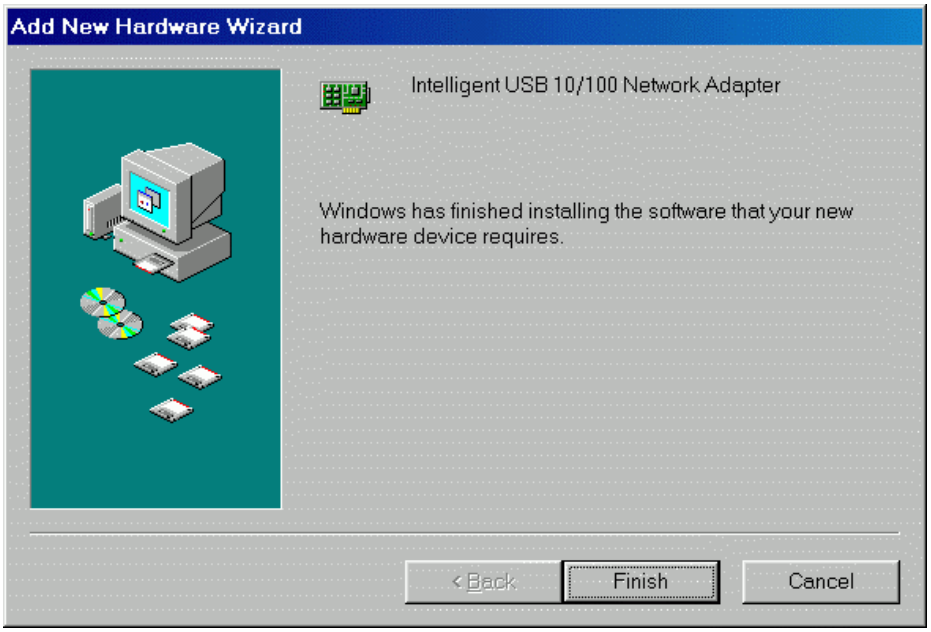
14. The installation program will proceed automatically. Click **Finish**.


Add New Hardware Wizard
Intelligent USB 10/100 Network Adapter
Windows has finished installing the software that your new hardware device requires.
< Back
Finish
Cancel

15. When Windows prompts you to restart your computer, click **Yes**.

16. To verify if your network adapter exists in your computer and well enabled, you can perform the following steps.

17. Go to **Start → Settings → Control Panel → Systems → Device Manager.**

18. Click **Intelligent ISDN Drivers, Network adapters** and **Universal Serial Bus controllers** to expand. If **Intelligent CAPI 2.0 driver, Intelligent USB adapter, Intelligent ISDN WAN miniport, Intelligent USB 10/100 Network Adapter** and **Generic USB Hub** are found, that means your network adapter exists and enabled. If not, consult your distributor for technical support.



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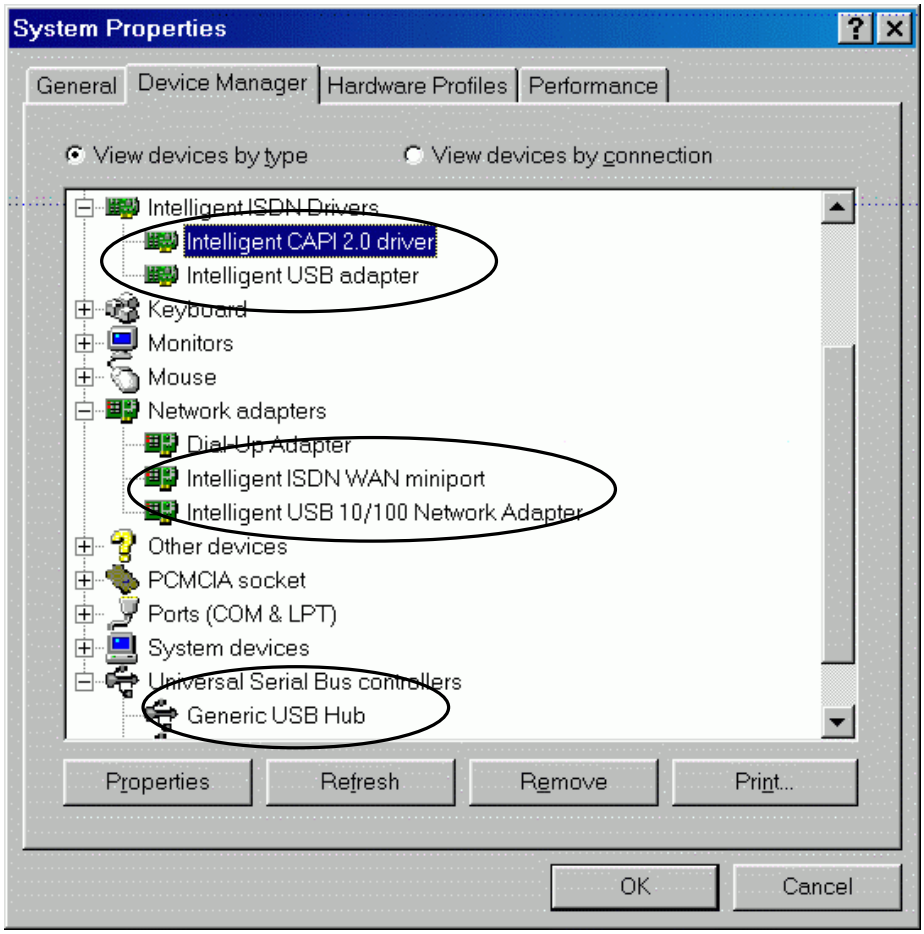




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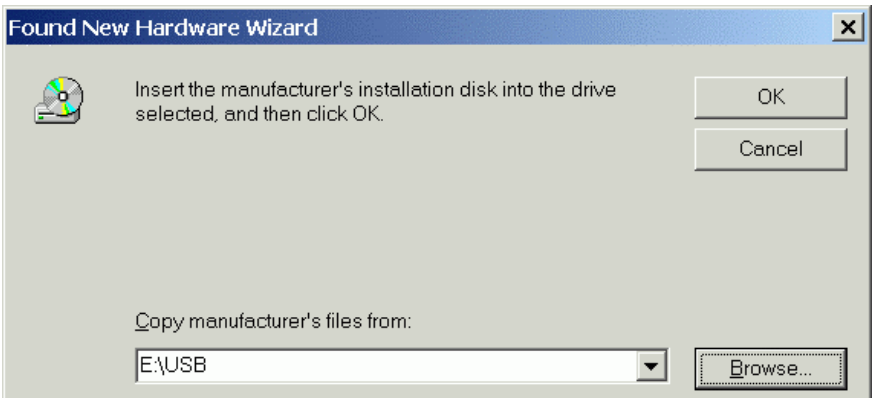
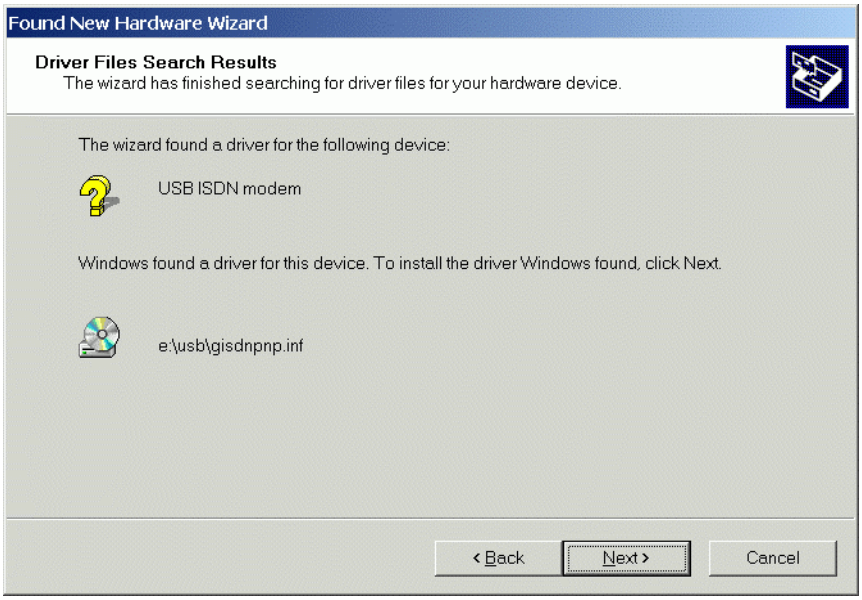
## Windows 2000 Installation

1. Once the device is connected, Windows 2000 will automatically detect the device and appear the following figure. Click **Next** to continue.
2. Select **Search for a suitable driver for my device (Recommended)** and click **Next.**
3. Select **Specify a location** and click **Next.**
4. Insert the device driver into your CD-ROM. Click **Browse,** direct Windows 2000 to the location where the driver stored (e.g.: **E:\USB**) and click **OK.**




5. Click **Next.** Windows 2000 will start copying necessary files onto your system.


Found New Hardware Wizard
Driver Files Search Results
The wizard has finished searching for driver files for your hardware device.
The wizard found a driver for the following device:
USB ISDN modem
Windows found a driver for this device. To install the driver Windows found, click Next.
e:\usb\gisdnpnp.inf
< Back
Next >
Cancel



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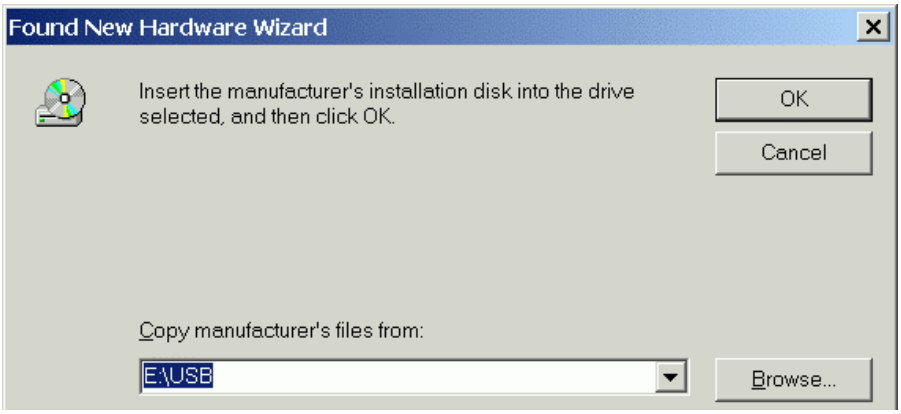
6. Click **Finish** to continue.

7. Windows 2000 will automatically detect the device and appear the following figure. Click **Next** to continue.

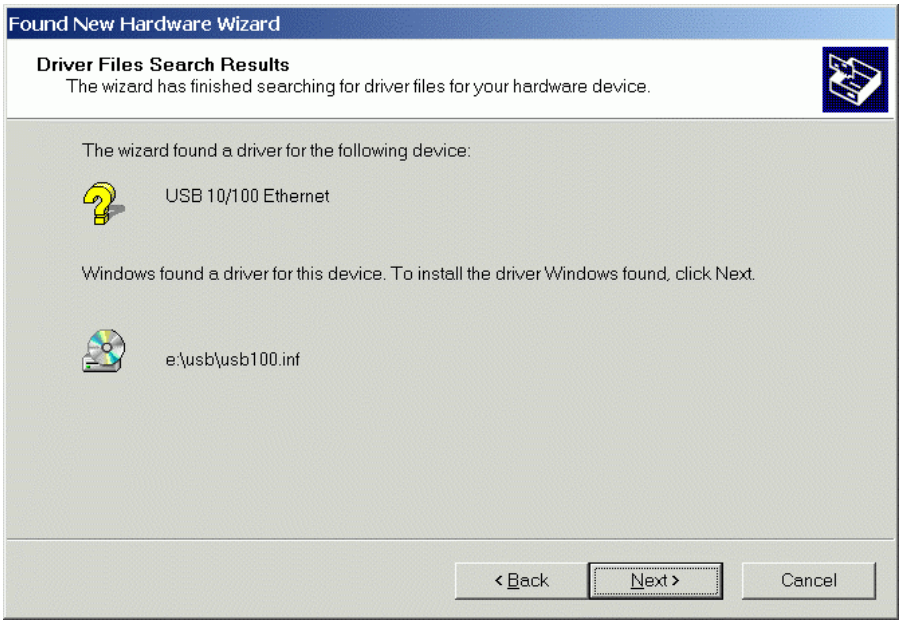
8. Select **Search for a suitable driver for my device (recommended)** and click **Next.**

9. Select **Specify a location** and click **Next.**

10. Click **Browse,** direct Windows 2000 to the location where the driver stored (e.g.: **E:\USB**) and click **OK.**




11. Click **Next.** Windows 2000 will start copying necessary files onto your system.


Found New Hardware Wizard
Driver Files Search Results
The wizard has finished searching for driver files for your hardware device.
The wizard found a driver for the following device:
USB 10/100 Ethernet
Windows found a driver for this device. To install the driver Windows found, click Next.
e:\usb\usb100.inf
< Back
Next >
Cancel



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12. Click **Yes** to continue.

13. Click **Finish** to complete the software installation.

14. To verify if your network adapter exists in your computer and well enabled, you can perform the following steps.

15. Go to **Start → Settings → Control Panel → Systems → Hardware → Device Manager.**

16. Click **Intelligent ISDN Drivers, Network adapters** and **Universal Serial Bus controllers** to expand. If **Intelligent CAPI 2.0 driver, Intelligent USB adapter, Intelligent ISDN WAN miniport, Intelligent USB 10/100 Network Adapter** and **Generic USB Hub** are found, that means your network adapter exists and enabled. If not, consult your distributor for technical support.



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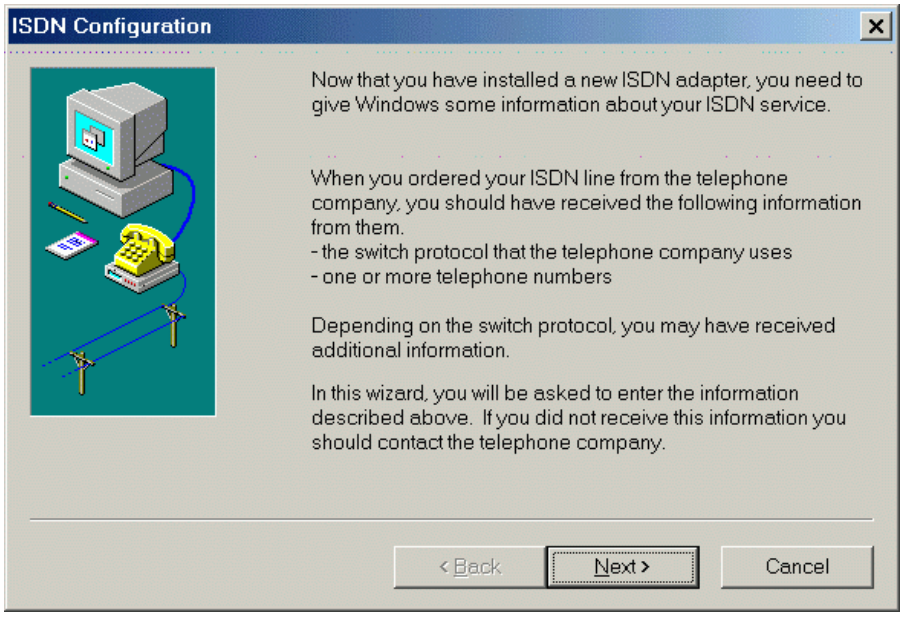
## Windows ME Installation

1. Once the device is connected, Windows ME will automatically detect the device and appear the following figure. Insert the device driver into your CD-ROM drive, select **Automatic search for…**and click **Next.** Windows ME will search for appropriate driver and copy necessary files onto your system.

2. When the **ISDN Configuration** windows appears, click **Next.**


ISDN Configuration
Now that you have installed a new ISDN adapter, you need to give Windows some information about your ISDN service.
When you ordered your ISDN line from the telephone company, you should have received the following information from them.
- the switch protocol that the telephone company uses
- one or more telephone numbers
Depending on the switch protocol, you may have received additional information.
In this wizard, you will be asked to enter the information described above. If you did not receive this information you should contact the telephone company.
< Back
Next >
Cancel

3. Select appropriate **Switch Protocol** and click **Next.**



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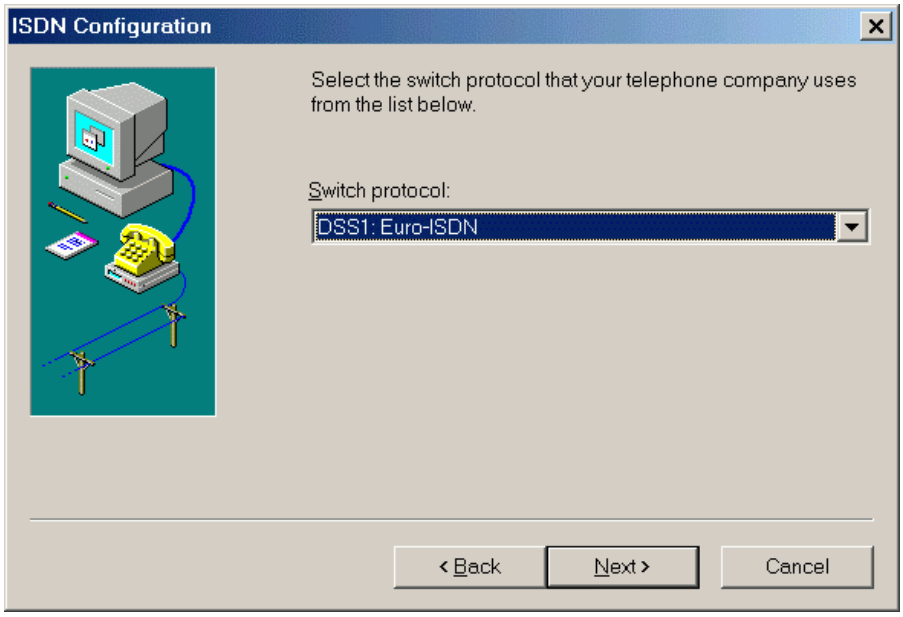
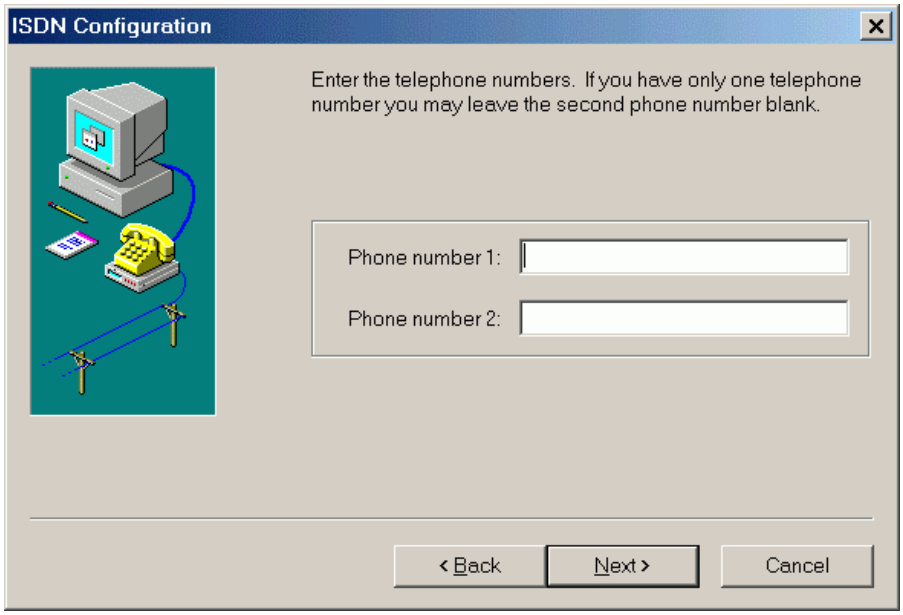

ISDN Configuration
Select the switch protocol that your telephone company uses from the list below.
Switch protocol:
DSS1: Euro-ISDN
< Back
Next >
Cancel

4. Enter the **Phone numbers** that your ISP provided and click **Next.**


ISDN Configuration
Enter the telephone numbers. If you have only one telephone number you may leave the second phone number blank.
Phone number 1:
Phone number 2:
< Back
Next >
Cancel

5. Click **Finish**.



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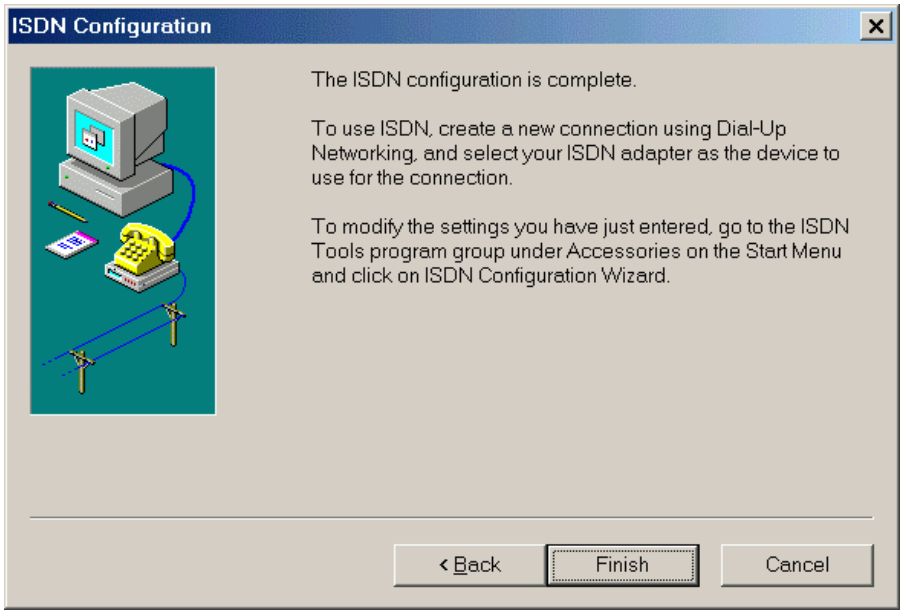
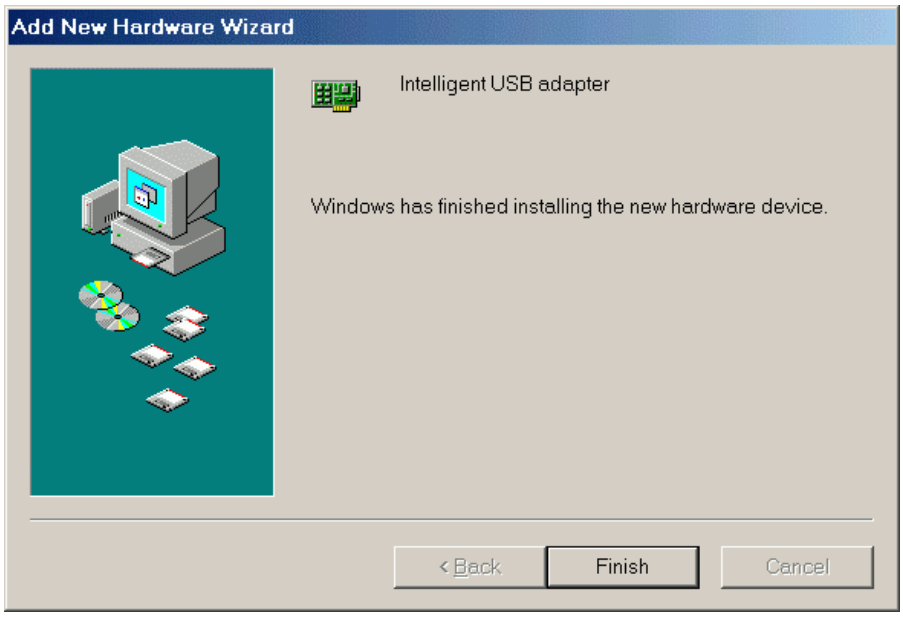

ISDN Configuration
The ISDN configuration is complete.
To use ISDN, create a new connection using Dial-Up Networking, and select your ISDN adapter as the device to use for the connection.
To modify the settings you have just entered, go to the ISDN Tools program group under Accessories on the Start Menu and click on ISDN Configuration Wizard.
< Back
Finish
Cancel

6. Click **Finish** to continue.




7. Windows ME will automatically detect the device and appear the following figure. Select **Automatic search for…**and click **Next.** Windows ME will search for appropriate driver and copy necessary files onto your system.

8. Click **Finish** to complete the installation.



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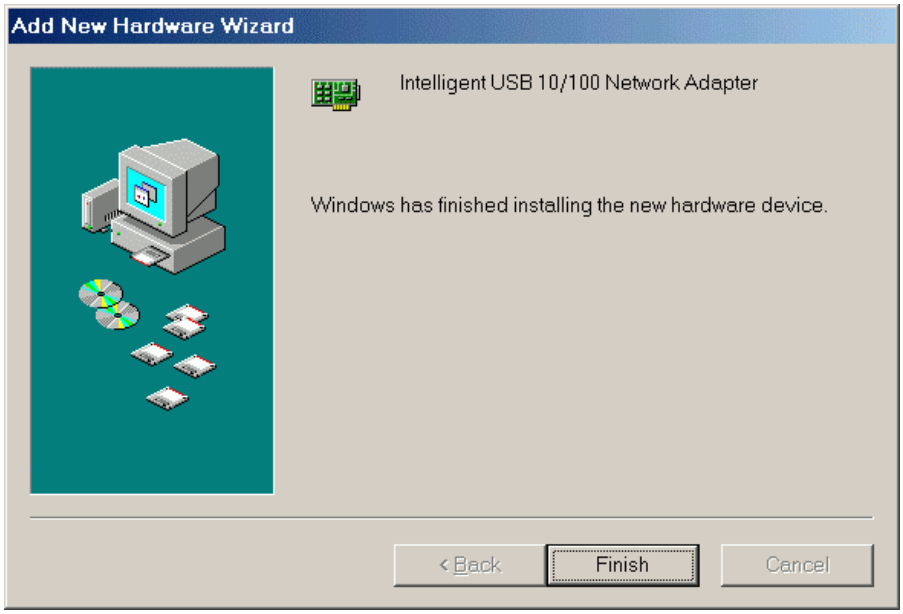


9. When Windows prompts you to restart your computer, click **Yes**.

10. To verify if your network adapter exists in your computer and well enabled, you can perform the following steps.

11. Go to **Start → Settings → Control Panel, → Systems → Hardware → Device Manager.**

12. Click **Intelligent ISDN Drivers, Network adapters** and **Universal Serial Bus controllers** to expand. If **Intelligent CAPI 2.0 driver, Intelligent USB adapter, Intelligent ISDN WAN miniport, Intelligent USB 10/100 Network Adapter** and **Generic USB Hub** are found, that means your network adapter exists and enabled. If not, consult your distributor for technical support.



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## Windows XP Installation

1. Once the device is connected, Windows XP will automatically detect the device and appear the following figure. Insert the device driver into your CD-ROM drive, select **Install the software automatically…**and click **Next.** Windows XP will search for appropriate driver and copy necessary files onto your system.

2. Click **Continue Anyway.**

Hardware Installation
The software you are installing for this hardware:
Intelligent ISDN WAN miniport
has not passed Windows Logo testing to verify its compatibility with Windows XP. (Tell me why this testing is important.)
Continuing your installation of this software may impair or destabilize the correct operation of your system either immediately or in the future. Microsoft strongly recommends that you stop this installation now and contact the hardware vendor for software that has passed Windows Logo testing.
Continue Anyway
STOP Installation

3. Click **Finish** to continue.

4. Windows XP will automatically detect the device and appear the following figure. Select **Install the software automatically…**and click **Next.**

5. Click **Continue Anyway.**



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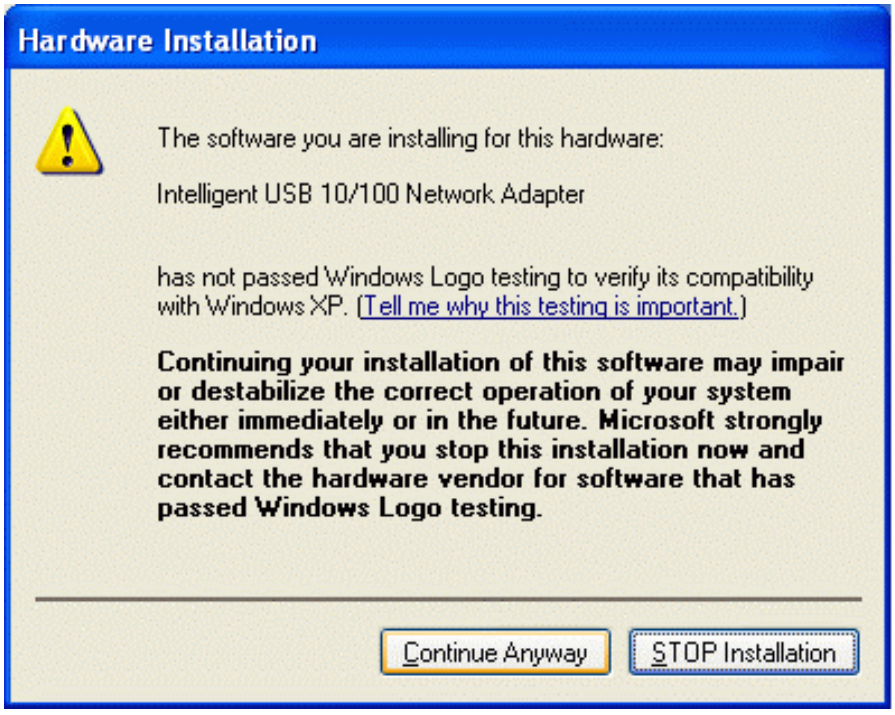
Hardware Installation
The software you are installing for this hardware:
Intelligent USB 10/100 Network Adapter
has not passed Windows Logo testing to verify its compatibility with Windows XP. (Tell me why this testing is important.)
Continuing your installation of this software may impair or destabilize the correct operation of your system either immediately or in the future. Microsoft strongly recommends that you stop this installation now and contact the hardware vendor for software that has passed Windows Logo testing.
Continue Anyway
STOP Installation

6. Click **Finish** to complete the software installation.

Found New Hardware Wizard
Completing the Found New Hardware Wizard
The wizard has finished installing the software for:
Intelligent USB 10/100 Network Adapter
Click Finish to close the wizard.
< Back
Finish
Cancel

7. To verify if your network adapter exists in your computer and well enabled, you can perform the following steps.

8. Go to **Start → Settings → Control Panel,**



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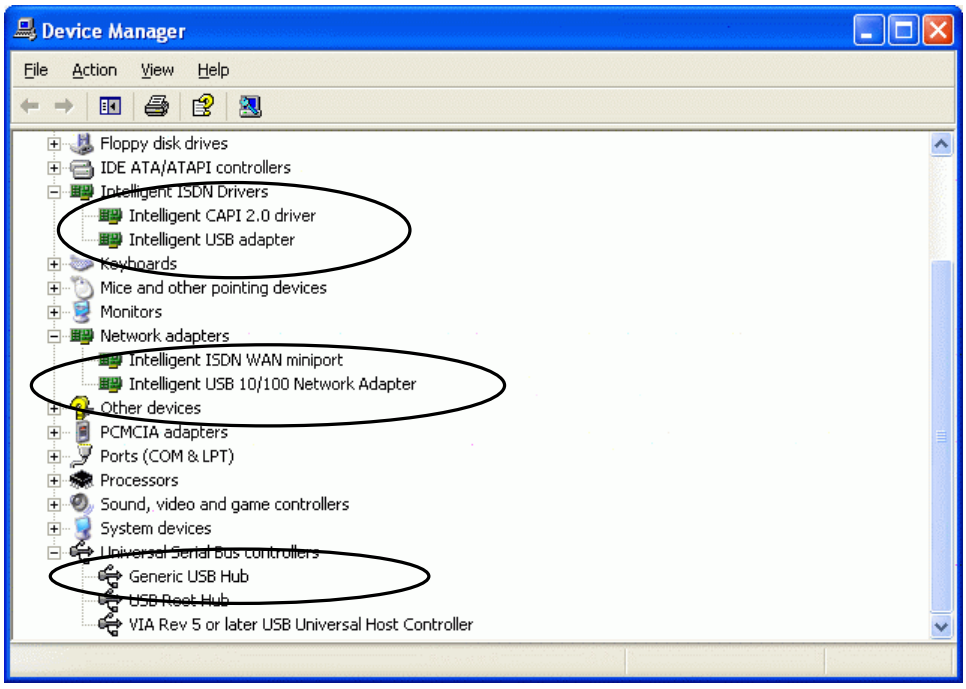
→ **Systems** → **Hardware** → **Device Manager.**

9. Click **Intelligent ISDN Drivers, Network adapters** and **Universal Serial Bus controllers** to expand. If **Intelligent CAPI 2.0 driver, Intelligent USB adapter, Intelligent ISDN WAN miniport, Intelligent USB 10/100 Network Adapter** and **Generic USB Hub** are found, that means your network adapter exists and enabled. If not, consult your distributor for technical support.



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